

Title (en)
PACKET PROCESSING DEVICE AND METHOD

Title (de)
PAKETVERARBEITUNGSEINRICHTUNG UND VERFAHREN

Title (fr)
DISPOSITIF ET PROCEDE DE TRAITEMENT DE PAQUETS

Publication
EP 1641127 A4 20111019 (EN)

Application
EP 04736271 A 20040607

Priority
• JP 2004008240 W 20040607
• JP 2003171143 A 20030616

Abstract (en)
[origin: EP1641127A1] There is provided a packet processing device for, when decoding variable length data that is split into packets, realizing a reduction in processing load at a decoder, by providing information for identifying a start position of the data. A header analyzing section (11) determines whether data stored in a packet is start data containing start information or other data. A data extracting section (12) extracts data from a packet and stores the data in a buffer (13). A buffer controlling section (14) causes a start position memory (15) and a number-of-starts counter (16) to retain an address position and the number of start data stored in the buffer (13). A decode section (20) refers to the start position memory (15) and the number-of-starts counter (16) and executes a decode process for the data stored in the buffer (13) .

IPC 8 full level
H03M 7/30 (2006.01); **H04L 12/70** (2013.01); **H04L 12/879** (2013.01); **H04L 12/951** (2013.01); **H04L 47/43** (2022.01); **H04L 49/901** (2022.01); **H04N 7/24** (2006.01); **H04N 19/00** (2014.01); **H04N 19/44** (2014.01); **H04N 19/70** (2014.01); **H04N 19/91** (2014.01); **H04N 21/2389** (2011.01); **H04N 21/434** (2011.01); **H04N 21/4385** (2011.01)

CPC (source: EP US)
H04N 21/2389 (2013.01 - EP US); **H04N 21/434** (2013.01 - EP US); **H04N 21/4385** (2013.01 - EP US)

Citation (search report)
• [X] TW 385614 B 20000321 - NIPPON ELECTRIC CO [JP]
• [X] US 6088357 A 20000711 - ANDERSON RICHARD EUGENE [US], et al
• [X] US 5835591 A 19981110 - COCHON ETIENNE [FR], et al
• [X] EP 0993193 A2 20000412 - MATSUSHITA ELECTRIC IND CO LTD [JP]
• [X] US 6434170 B1 20020813 - MOVSHOVICH ALEK [US], et al & US 6625218 B1 20030923 - IGANAMI CHIHO [JP]
• See references of WO 2004112255A1

Cited by
US7602801B2

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1641127 A1 20060329; **EP 1641127 A4 20111019**; CN 100463369 C 20090218; CN 1701514 A 20051123; JP 4431537 B2 20100317; JP WO2004112255 A1 20060720; US 2006067345 A1 20060330; US 7602801 B2 20091013; WO 2004112255 A1 20041223

DOCDB simple family (application)
EP 04736271 A 20040607; CN 200480001063 A 20040607; JP 2004008240 W 20040607; JP 2005506945 A 20040607; US 52883905 A 20050323